

CLAIMS

We claim:

- 1 1. A method for client/server communications, comprising
2 the steps of:
 - 3 loading to a client browser a frame set including a
4 function frame and a content frame;
 - 5 loading application code to said function frame; and
6 responsive to user interaction with said content frame,
7 executing said application code.
- 1 2. The method of claim 1, further comprising the steps of:
 - 2
 - 3 loading to said frame set a data accumulation frame;
 - 4 and
 - 5
 - 6 accumulating data entered to said content frame in said
7 data accumulation frame for eventual communication to

8 said server.

1 3. The method of claim 1, further comprising the steps of:

2 loading to said frame set a data accumulation frame;

3 initializing said data accumulation frame with

4 application specific data input fields;

5 executing said application code to load said data input

6 fields from said data accumulation frame to said

7 content frame.

1 4. The method of claim 2, further comprising the step of:

2 loading programming code, functions, data objects and

3 global variables to said footer frame.

1 5. The method of claim 2, further comprising the step of:

2 filling said content frame from a server view.

1 6. The method of claim 2, further comprising the step of:

2 loading database data from said server to said data
3 accumulation frame.

1 7. The method of claim 2, further comprising the step of:

2 executing said application code responsive to calls
3 from said content frame.

1 8. The method of claim 2, further comprising the step of:

2 validating data stored to said data accumulation frame
3 using logic code and data stored locally in the browser
4 prior to transmission to said server.

1 9. The method of claim 2, said application being a
2 requisition and catalog application.

1 10. The method of claim 9, further comprising the step of:

2 responsive to user input at said content frame,
3 executing said application code from said function
4 frame to create or process a requisition.

1 11. The method of claim 10, further comprising the step of:

2 accumulating requisition data in said data accumulation
3 frame for eventual transmission to said server.

1 12. The method of claim 10, further comprising the step of:

2 responsive to user input at said content frame,
3 executing said application code from said function
4 frame to create dynamically generated new pages of
5 information, data, and user input screens, in the
6 browser, without further server communication.

1 13. System for client/server communications, comprising:

2 a client browser;

3 a frame set loaded to said client browser including a
4 function frame and a content frame;

5 said function frame for storing application code
6 communicated to said client browser from a server in
7 connection with a user selected application; and

8 responsive to user interaction with said content frame,
9 executing said application code.

1 14. The system of claim 13, further comprising:
2
3 said frame set including a data accumulation frame for
4 accumulating data entered to said content frame for
5 eventual communication to said server.

1 15. The system of claim 13, further comprising:

2 said frame set including a data accumulation frame
3 initialized with application specific data input fields
4 for loading to said content frame.

1 16. The system of claim 14, further comprising:

2 said footer frame further for storing data objects and
3 global variables accessible to said content frame.

1 17. The system of claim 14, further comprising:

2 a server view responsive to user request for filling
3 said content frame.

1 18. The system claim 17, further comprising:

2 a database for storing data for loading from said
3 server to said data accumulation frame.

1 19. The system of claim 14, further comprising:

2 said content frame further for calling execution of
3 said application code.

1 20. The system of claim 14, further comprising:

2 said data accumulation frame further for storing data
3 for validation prior to transmission to said server.

1 21. A program storage device readable by a machine,
2 tangibly embodying a program of instructions executable by a
3 machine to perform method steps for client/server
4 communications, said method steps comprising:

5 loading to a client browser a frame set including a
6 function frame and a content frame;

7 loading application code to said function frame; and

8 responsive to user interaction with said content frame,
9 executing said application code.

1 22. The program storage device of claim 21, said method
2 steps further comprising:

3 loading to said frame set a data accumulation frame;

4 and

5

6 accumulating data entered to said content frame in said
7 data accumulation frame for eventual communication to
8 said server.

1 23. The program storage device of claim 21, said method
2 steps further comprising:

3 loading to said frame set a data accumulation frame;

4 initializing said data accumulation frame with
5 application specific data input fields;

6 executing said application code to load said data input
7 fields from said data accumulation frame to said
8 content frame.

1 24. The program storage device of claim 21, said method
2 steps further comprising:

3 setting data objects and global variables to said
4 function frame.

1 25. The program storage device of claim 22, said method
2 steps further comprising:

3 filling said content frame from a server view.

1 26. The program storage device of claim 22, said method
2 steps further comprising:

3 loading database data from said server to said data
4 accumulation frame.

1 27. The program storage device of claim 22, said method
2 steps further comprising:

3 executing said application code responsive to calls
4 from said content frame.

1 28. The program storage device of claim 22, said method
2 steps further comprising:

3 validating data stored to said data accumulation frame
4 prior to transmission to said server.

1 29. The program storage device of claim 22, said
2 application being a requisition and catalog application.

1 30. The program storage device of claim 29, said method
2 steps further comprising:

3 responsive to user input at said content frame,
4 executing said application code from said function
5 frame to create or process a requisition.

1 31. The program storage device of claim 30, said method
2 steps further comprising:

3 accumulating requisition data in said data accumulation
4 frame for eventual transmission to said server.

1 32. A computer program product or computer program element
2 for providing client/server communications according to
3 steps comprising:

4 loading to a client browser a frame set including a
5 function frame and a content frame;
6 loading application code to said function frame; and
7 responsive to user interaction with said content frame,
8 executing said application code.
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